

ABSTRACT

A liquid crystal/cured composite layer is formed by sandwiching a mixture of a liquid crystal with an uncured curable compound i.e. a curable compound represented by a structure of an acryloyl group- $(OR_1)_n$ -O-mesogen structural portion-O- $(R_2O)_m$ -acryloyl group structure (wherein each of  $R_1$  and  $R_2$  is a  $C_{2-6}$  alkylene group, and each of  $n$  and  $m$  is from 1 to 10), between a pair of substrates provided with transparent electrodes, and curing the curable compound.